

Soviet Contributions to Malacology in 1971

BY

KENNETH J. BOSS

AND

MORRIS K. JACOBSON

IN CONTINUING THIS SERIES of lists of Soviet publications (see Boss, 1969, *The Veliger* 12: 226 - 227; Boss & Jacobson, 1970 & 1971, *Ibid*, 13: 199 - 202; 14: 437 - 440), we are supported by comments of colleagues who have found the references useful. Since the papers listed are only those which are included in the section on Invertebrate Zoology of the Referativnyy Zhurnal for the respective year, there is both a considerable time lag and a possibility for omission. Sometimes the Soviet abstracters will overlook a 1970 book in the 1970 abstracts.

Herein we list all those Soviet articles abstracted in the Referativnyy Zhurnal for the year 1971. We have omitted reference to papers published in the Bulletin of the World Health Organization (Byul. Vsemiri. Organiz. Zdrayookhr) since they consist of Russian translations of Western originals. Subheadings dividing the abstracts into special sections have been retained.

Increased research activity can be noted in areas which are poorly known malacologically. For example, several papers on Armenian mollusks were published last year and new species were described in widely different taxa by Soviet malacologists.

Special remarks must be accorded Starobogatov's book on fresh-water mollusks (see General category). Readers who note Starobogatov's contributions to malacology will be at once astounded by the diversity and volume of his work. In recent publications he has treated the fresh-water mollusks of all continental bodies of water in the world, revised the classification of the Bivalvia, over-named the mollusk fauna of the Caspian Sea and commented on the nomenclature of several families.

The book contains three main sections plus an extensive bibliography. In part one he lists all the families and genera with representatives in fresh-water. Large scale maps showing the distribution of some taxa are provided. The extent of this compilation reflects the taxonomic difficulties encountered in the study of fresh-water mollusks. The number of nominal generic level taxa in the Rissoacean prosobranchs is so large as to indicate that the description of a new genus of this group of snails is probably unwar-

ranted. The morass of names is enough to keep the serious worker concerned with biological and evolutionary phenomena away from these largely minute fresh-water prosobranchs, which is unfortunate since they are intrinsically interesting.

Although much of Starobogatov's list may be found in Wenz-Zilch's *Handbuch der Paläozoologie* or in Moore's *Treatise on Invertebrate Paleontology*, Starobogatov does offer a direct access to the molluscan groups having invaded fresh waters. Even professional malacologists will be surprised at the number of groups having fresh-water representatives which are usually considered to be exclusively marine.

Part 2 provides some generalizations about the distribution of fresh-water mollusks. Contemporary patterns are assessed in light of probable historical factors. Kinds of dispersal are discussed as modes of overcoming natural extrinsic barriers. And finally a section is provided which deals with the similarities and differences in the distribution of various taxonomic groups.

Part 3 regards the faunas of nine different regions (oblasti) which Starobogatov recognizes as natural zoogeographic units. These include: Palearctic, Ponto-Caspian, Baikalian, Sino-Indian, Ethiopian, Tanganyikan, Nearctic, Neotropical and Australian. As Boss is preparing a paper on the fresh-water mollusks of ancient lakes, he has had several relevant sections translated, and Starobogatov has provided quite complete analyses. However, he unnecessarily complicates nature by burying everything in an unrealistic plethora of names. For example, in a separate work, Logvinenko and he (1968, *Mollusks [in] Atlas of the Invertebrates of the Caspian Sea*, pp. 308 - 385, 407 - 410) have described so many Rissoacean snails from the Caspian Sea as to be ludicrous. No recognition of a modern species concept is apparent; the shells are mere stamps, named and illustrated by simple outline drawings. That Starobogatov (p. 228) dislikes revisionary work which seeks to treat faunas in terms of evolutionary systematics is evident in his remarks about Leloup's superb monograph of the fauna of Lake Tanganyika: 'one should note in two of the latter comparatively detailed résumés (Leloup's paper), that there appears a marked tendency to lump species together ...'

In the final section of the book, an epilogue which could not be fitted into the three main portions, he sketches an outline of the classification of the Rissoaceans, largely reflecting the frequently overlooked and elegant paper by KOZHOV (1951. On the morphology and history of the Baikalian endemic mollusks of the family Baicaliidae. *Trudy Baik. limnol. St. Akad. Sci. USSR*, 13: 93 - 119).

Further, a list of new taxa of fresh-water bivalves is appended. Over a dozen new subfamilies or tribes are

established and over 40 new generic level names introduced. Although the names are valid, one can question their utility. Many, if not most, may, hopefully, fall into the synonymic oblivion they deserve.

The book is nevertheless an important compilation of an immense literature and constitutes a valuable resource for any library. A complete English translation is being initiated by Professor J. B. Burch of the University of Michigan.

Abbreviations and symbols we have used are:

ES - English Summary

ZEBP - Zhurnal Evolyutsionnoi biokhimii i Fiziologii (Journal of evolutionary biochemistry and physiology)

ZZ - Zoologicheskii Zhurnal (Zoological Journal)

Mr. Victor M. Lessiovski of the United Nations aided us in the translation of certain obscure words. Mrs. G. Dent carefully typed the manuscript.

GENERAL

AKRAMOVSKY, N. N.

1970. The biocenotic relationships of Armenian mollusks and the role of these organisms in the cycling of matter and energy. Zool. Sbornik Akad. Nauk, Armenian SSR 15: 150-214 (Armenian and English summaries)

ANONYMOUS (no author listed)

1971. Mollusks. The directions, methods, and results of their study. 4th Soviet (Congress) for the study of mollusks. Leningrad, 158 pp.

ERETL, L. YA.

1970. A Pacific Ocean squid and the basic methods of its utilization. Izv. Tikhoo-okeansk. nauch.-issled. inst. rybn. Khoziaistva i okeanogr. 74: 250-255

GOROKHOV, V. V.

1971. Molluscicides and ecological prerequisites for their application. Sbornik rabot. po gelmintol. Moscow, Kolos, 100 to 101

1971. Procedures for research on new molluscicides and the calculations of their effectiveness. Profilaktika Zabolev. Zhivotnykh. Vologda, 105-106

IOGANZEN, B. G.

1971. Scientific methodological conference on the study of freshwater mollusks of Siberia. Biol. vnutr. vod. Inform. Byul. No. 10, 6-7

KAFANOV, A. I. & YA. I. STAROBOGATOV

1971. *Pettancylus petterdi* in the USSR and autointroduction of aquarial mollusks in natural water bodies of the USSR. ZZ 50 (6): 933-935 (ES)

LESHKO, YU. V.

1971. The mollusks of the middle current of the Pechará and their significance in the feeding of fish. Trudy Komifil. Akad. Nauk SSSR, No. 22, 97-105

LOGVINENKO, B. M. & O. P. KODOLOVA

1971. On the possibility of distinguishing univalve species by

comparing electrophoregrams of water-soluble proteins.

ZZ 50 (6): 923-925 (ES)

MIKULICH, L. V. & L. P. KOZAK

1971. An experiment in the maintenance of the Pacific Ocean squid under artificial conditions. Ekologiya 3: 94-96

MINICHEV, YU. S.

1971. On the fauna, ecology and systematics of the Retusidae (Opisthobranchia, Cephalaspidea) of Posset Bay in the Sea of Japan. Issled. Fauny Morei, Leningrad, Nauka 8 (16): 230-241

1971. *Tritonia primorjensis* sp. n. (Gastropoda, Opisthobranchia), a suitable subject for neurophysiological and biophysical investigations. ZZ 50 (2): 282-284 (ES)

NIKOLOVA, V.

1970. Slugs and the possibilities of counter measures taken against them. Rast. Zashchita 18 (12): 21-25 (Bulgarian)

SAVCHUK, M. YA.

1971. The mollusk *Mya* - a new productive goal of the Black Sea. Rybnoe Khoziaistvo, No. 8, 20-22

SHIKOV, E.

1971. Land mollusks of the Kalinin region as potential intermediate hosts of helminths. Uchenye Zapiski Kalinin. gosudarstvennogo pedagog. inst. 89: 149-154

SHILEYKO, A. A.

1971. Malacology: deceptive resemblance and the nature of differences. Methods of teaching about species diversity of the mollusks. Priroda, No. 7, 75-80

STAROBOGATOV, YA. I.

1970. The molluscan fauna and the zoogeographical zonation of the continental water reservoirs of the earth. Nauka, Leningrad, 372 pp.

MORPHOLOGY

AIZEISHTADT, T. B.

1971. Cytomorphologic investigations of the follicles in the ovaries of cuttlefish. II. The secretory function of the follicular epithelium. Tsitologiya 13 (8): 956-964 (ES)

ANONYMOUS (no author listed)

1971. Statocysts in gastropod mollusks, in bivalve or lamellibranch mollusks and in cephalopod mollusks. [in] Probl. Kosmich. Biol., Leningrad, Nauka, 86-103, 104-125, 125-139, respectively.

BURDENKO, V. T. & A. I. NADVODNYUK

1971. Conduction paths in the buccal ganglia of the grapevine snails. Elektrofiziol. issled. neuronov. Kishinev, Akad. Nauk Moldavian SSR, 36-42

CHUKHCHIN, V. D.

1970. Functional morphology of *Rapana*. Nauk Dumka, Kiev, 1-139; 83 pls.

1970. The method of feeding and the functional morphology of the digestive system of several tropical gastropod mollusks of the family Strombidae. Ecol.-Morph. invest. benthic organisms. Nauk Dumka, Kiev, 76-89

1970. A comparative investigation of the anatomy and histo-

- logy of the digestive system of several mollusks of the superfamily Cypraea with the distinctive nature of their food. Ecol.-Morph. invest. benthic organisms. Nauk Dumka, Kiev, 89 - 102
- DROZDOVA, T. V., A. V. KARYAKIN & V. A. KRASNOVA
1971. The chemical composition and infrared spectrum absorption of the organic matrix of the shell of the cuttlefish *Sepia pharaonis*. ZEBP 7 (4): 350 - 356 (ES)
- IVANOVA, L. M.
1970. Weight measurement indices and biomass of species of mollusks in the Central Caspian. Trudy molodykh uchenykh. Vses. nauch.-issled. inst. morsk. rybn. Khoziaistva i okeanogr. 3: 93 - 107 (ES)
- KONDRAT'EV, G. P.
1970. On the correlation of weight and linear measurements of the body of some mollusks. Vopr. Fiziol. i Populayats. Ekol. Saratov, Saratov Univ. 56 - 60
- LOGVINENKO, B. M. & YA. I. STAROBOGATOV
1971. The curvature of the frontal section fold as a systematic index in bivalve mollusks. Nauchnye dokl. vysshei shkoly biolog. nauki, No. 5, 7 - 10
- MINICHEV, YU. S.
1970. The evolution of the circulatory system of the lower Opisthobranchia. Issled. po evolyuts. morfologii bespozvonochnykh. Leningrad Univ., 101 - 113
- MINICHEV, YU. S. & L. V. SLAVOSHEVSKAYA
1971. Features of the evolution of the renopericardial complex in terrestrial pulmonata. ZZ 50 (3): 350 - 360 (ES)
- MITROFANOV, V. M. & YU. B. MOREV
1970. The morphology of the foot tissue of mollusks - intermediate host of protostrongilids. Trudy Kirg. inst. Ser. Zoovet. 15 (3): 68 - 71
- SADYKHOVA, I. A.
1970. On the allometrics of growth of *Crenomytilus grayanus* (Dunker) of Peter the Great Bay. Trudy molodykh uchenykh. Vses. nauch. issled. inst. morsk. rybn. Khoziaistva i okeanogr. 3: 108 - 117 (ES)
- SKIRKYAVICHENE, Z. YU.
1971. The regularity of increase in the weight of *Dreissena*. 2. The influence of the season of the year. Trudy Lietuvos TSR Mokslu Akad., Vilna. Biol. Inst. DARBAI (V) No. 2 (52): 91 - 97 (Lithuanian and English summaries)
- TERENT'EV, P. V.
1970. The geographical variation of the shells of large ponds. Vestnik Leningrad. Univ. 21: 146 - 154 (ES)
- ZUEV, G. V. & YU. V. CHMOVZH
1971. The ecological morphology of the brain of the Argentinian squid. Nauchnye dokl. vysshei shkoly biolog. nauki, No. 1, 15 - 19
- menia, *Gabbiella araxena* Akramovsky (Gastropoda : Prosobranchia : Bithyniidae). Aikakan SSR Gitytyunneri Akademia Zekuitsner. Dokl. Akad. Nauk Armenian SSR 51 (4): 255 - 257 (Armenian summary)
1971. A short catalog of the Recent molluscan fauna of Soviet Armenia. Aiastani gensapanakan antes. Biol. Zhur. Armenii 24 (6): 3 - 12 (Armenian summary)
- BONADYSENKO, A. P., V. S. KONYUSHKO, V. A. RADKEVICH & T. M. ROMENKO
1970. The gastropods of the lakes of the Tiosto groups. Poozer'ya. 1, Minsk, Belorussk. Univ., 154 - 166
- BURCH, J. B., G. K. LINDSAY & P. T. LOVERDE
1971. A comparative study of some Polish and American Lymnaeidae: an assessment of phylogenetic characters. ZZ 50 (8): 1158 - 1168 (ES)
- FILIPPOVA, YU. A.
1970. Distribution of masses of species of cephalopod mollusks in the epipelagic zone in the Indian Ocean. Trudy molodykh uchenykh. Vses. nauch.-issled. inst. morsk. rybn. Khoziaistva i okeanogr. Vyp. 4, 42 - 52 (ES)
- GOLIKOV, A. N. & O. A. SKARLATO
1971. On the molluscan fauna of Posset Bay in the Sea of Japan. Issled. Fauny Morei, Leningrad, Nauka 8 (16): 188 - 205
- GVOZDEV, M. A.
1970. On the mollusk fauna of Central Kuito Lake. Materialy Mezhyvz Konferentsii, Leningrad, 94 - 96
- IZZATULLAEV, Z.
1970. The tropical mollusk *Pupoides coenopiotus* (Hutton) in the USSR. Akhboroti Akad. Fankhon RSS Tochikistan Shu'ban Fankhon Biol. Izv. Akad. Nauk Tadzhikistan SSR. Otd. Biol. 3: 82 - 83 (Tadzhik summary)
1970. Materials for the study of land mollusks of the Gissarsky mountain ridge and contiguous regions of Tadzhikistan. Izv. Akad. Nauk Tadzhikistan SSR. Otd. Biol. 239: 79 - 86 (Tadzhik summary)
- KODOLOV, L. S.
1970. On the squid of the Behring Sea. Trudy Vses. nauch.-issled. inst. morsk. rybn. Khoziaistva i okeanogr. 65: 429 - 435
- KRIVOSHEINA, L. V. & YA. I. STAROBOGATOV
1970. A contribution to the taxonomy of *Anodonta* (Bivalvia, Unionidae) of Siberia and adjacent regions of Kazakhstan. ZZ 49 (9): 1327 - 1333 (ES)
- KRAKATITSA, T. F.
1970. New findings of *Rapana* (Gastropoda, Muricidae) in the Karkinitzky and Djarylgachsky Bays of the Black Sea. ZZ 49 (8): 1247 - 1248 (ES)
- LAZAREVA, A. I.
1971. On the systematics of the molluscan gastropod genus *Falsicinctula* Habe (Prosobranchia, Rissoidea). ZZ 50 (5): 768 - 770 (ES)
- MOSKALEV, L. I.
1970. The gastropod mollusks of the genus *Collisella* (Prosobranchia, Acmaeidae) of the outlying Asiatic seas of the Pacific Ocean. Trudy Inst. Okeanol. Akad. Nauk SSSR 88: 174 - 212 (ES)
1970. A new Recent species of freshwater mollusk from Ar-

SYSTEMATICS AND FAUNISTICS

NESIS, K. N.

1971. The squid *Gonatus fabricii* (Licht.) in the central Arctic Basin. *Gidrobiol. Zhur.* 7 (1): 93 - 96

PIROGOV, V. V.

1970. On the presence of new species of mollusks of the genus *Pyrgula* Christ. et Jan. in the mouth (near delta) of the Volga River. *Trudy Astrakhan gosudarstvennogo Zapovednik.* Vyp. 13: 249 - 253

ROGINSKAYA, I. S.

1971. *Arctadalaria septentrionalis* gen. n., sp. n. (Onchidoriidae), a new nudibranchiate mollusc from the Laptev Sea. *ZZ* 50 (8): 1154 - 1157 (ES)

SHILEYKO, A. A.

1970. Volume, systematics, and phylogeny of the group *Perforatella* - *Zenobiella* - *Chilanodon* (Pulmonata, Helicidae). *ZZ* 49 (9): 1306 - 1321 (ES)

1971. A comparative anatomical investigation of some Ariantinae (Pulmonata, Helicidae). *ZZ* 50 (7): 990 - 1001 (ES)

SLAVOSHEVSKAYA, L. V.

1971. A new aberrant opisthobranch mollusk from the Sea of Japan. *Issled. Fauny Morei Leningrad Nauka* 8 (16): 206 - 220

STAROBOGATOV, YA. I.

1970. Mollusks of the family Unionidae in the delta of the Volga. *Trudy Astrakhan gosudarstvennogo Zapovednik,* 13: 226 - 248

TAKTAKISHVILI, I. G.

1970. Of the phylogenetic development of the genus *Arctocardium* Fischer (Mollusca, Bivalvia). *Soobshch. Akad. Nauk Gruz SSR* 59 (1): 229 - 232 (Georgian and English summaries)

YABLOKOV, A. V. & A. V. VALETZKY

1971. On changes in the range of the sinistral form of *Eulota lantzi* in Zailiisky Alatau during recent decades. *ZZ* 50 (3): 436 - 438 (ES)

YAROSHENKO, M. F. & F. B. GONTYA

1970. The mollusks of the reservoirs of the lower Dniester. *Kishinev, Akad. Nauk Moldavian SSR,* 65 - 73

BIOLOGY AND ECOLOGY

GONTYA, F. A.

1970. Some problems in the ecology of freshwater mussels in the Dniester. *Biol. protsessy v mor. i Kontinent. vodoe-makh.* Kishinev. Akad. Nauk Moldavian SSR, 85 - 86

KATKOV, M. V.

1971. On the survival of Planorbidae (Pulmonata) and the preservation of trematode larvae in drying reservoirs. *ZZ* 50 (4): 584 - 586 (ES)

KHOKHUTKIN, I. M.

1971. Polymorphism and the population boundary in terrestrial mollusks of the genus *Bradybaena*. *Ekologiya* No. 4, 73 - 80

KISELEVA, G. A.

1970. The settling and metamorphosis of the larvae of the rock-boring mollusks *Pholas dactylus* Linne. *Ecol.-morph. invest. benthic organisms.* Nauk Dumka, Kiev, 102 - 113

MINICHEV, YU. S.

1971. On the biology of some species of Pyramidellidae (Gastropoda) in the Posset Bay in the Sea of Japan. *Issled. Fauny Morei, Leningrad, Nauka* 8 (16): 221 - 229

MITROPOL'SKY, V. I.

1970. Observations on the life cycle of *Pisidium henslowianum* (Sheppard) (Mollusca, Lamellibranchia). *Biol. vnutr. vod. Inform. Byul.* No. 6, 23 - 26

SADYKHOVA, I. A.

1970. The formation and composition of colonies of *Crenomytilus grayanus* (Dysodonta, Mytilidae). *ZZ* 49 (9): 1408 - 1410 (ES)

SHEVTSOV, G. A.

1970. Some notes on the squids of the Peruvian current and adjacent waters. *Izv. Tikhoo-okeansk. nauch.-issled. inst. rybn. Khoziaistva i okeanogr.* 69: 90 - 93

VOVK, A. N.

1971. Some notes on the biology and distribution of *Loligo vulgaris* L. in the waters of Southwest Africa. *Trudy Upr. Kadrov i Uchebn. Zavedenii Moskva rybn. Khoziaistva SSSR,* 25: 49 - 59

ZUEV, G. V.

1970. Ecological peculiarities of the reproduction of *Sepia pharaonis* Ehrenberg and its distribution in the north western portions of the Indian Ocean. *Ecol. morph. invest. benthic organisms.* Nauk Dumka, Kiev, 113 - 121

PHYSIOLOGY

ALYAKRINSKAYA, I. O.

1971. Some adaptations of *Mytilus galloprovincialis* (Bivalvia) and *Planorbis corneus* (Gastropoda) to the absence of water. *ZZ* 50 (5): 648 - 656 (ES)

ANONYMOUS (no author listed)

1971. On some observations on the perception of stimuli on gravity receptors in cephalopods. *Probl. Kosmich. Biol., Leningrad, Nauka,* 475 - 477

BERGER, V. YA.

1971. A study of the functional basis of euryhalinity in several White Sea littoral mollusks. *Ekol. mor. organizmov., Moskva, Univ.* 4 - 5

BERGER, V. YA., V. V. LUKANIN & V. N. LAPSHIN

1970. The respiration of several White Sea littoral mollusks in the process of acclimatization to variations in the surrounding salinity. *Ekologiya* 5: 68 - 72

GOVARDOVSKY, V. I.

1971. Some properties and the dynamics of the endolymph in the statocysts of cephalopod mollusks. *ZEBP* 7 (4): 410 - 416

GRIGOR'eva, G. M. & S. S. TKACHENKO

1971. Cholinesterase in the hemolymph of gastropod mollusks. *ZEBP* 7 (3): 254 - 261 (ES)

KHLEBOVICH, V. V. & O. I. OLONTSEVA

1970. The variation of the concentration of free amino acids in the tissues of the mussel *Mytilus edulis* in the dependence on the salinity of the external surroundings. *Doklady Akad. Nauk SSSR* 195 (2): 493 - 495

KONEV, A. D. & V. M. BURTSEVA

1970. The variation of thermal stability of the entire organisms

and their cells in causal relation to the temperature maintenance of mollusks. *Ekologiya* 6: 80 - 88

KOROBTSOV, G. N. & D. A. SAKHAROV

1971. The role of surrounding ions in the realization of neural and hormonal influence on the ciliary action in molluscan larvae. *ZEBP* 7 (3): 238 - 240

KORZHUEV, P. A. & I. O. ALYAKRINSKAYA

1971. Sampling the hemocyanin in the hemolymph of *Rapana thomassiana* from the Black Sea. *ZEBP* 7 (4): 427 - 428 (ES)

KOVALEVA, A. A.

1970. The level of gas exchange of several bivalve and gastropod mollusks. *Vopr. Fiziol. i Populyats. Ekol. Saratov. Univ.* 1: 31 - 37

LUKOMSKEYA, N. YA. & S. N. NISTRATOVA

1970. Pharmacological characteristics of the chlorinoreceptives of the heart of *Anodonta* sp. *ZEBP* 6 (5): 527 - 535 (ES)

MANOKHINA, M. C. & L. V. KUZ'MINA

1971. Distribution of biogenic monoamines in the central nervous system of the opisthobranch mollusk *Tritonia* sp. from the Pacific Ocean. *ZEBP* 7 (4): 357 - 361 (ES)

PETROV, V. N. & L. M. BELOVA

1970. The restoration of the lost function and development of the degenerative process in the closed ganglia of mollusks after partial injury. *Vestnik Khar'kov. Univ., Ser. Biol.* 39 (2): 66 - 70

SHAKHMAEV, N. K.

1969. On the problem concerning the correlation of magnesium and ascorbin in acidity. *Vopr. Obshch. i Prikl. Khimii. Chelyabinsk* 2: 80 - 83

SHIROKOLOBOV, V. N.

1971. Salinity variation in the mantle liquids of mussels and dependence on the condition of its maintenance. *Gidrobiol. Zhur.* 7 (1): 75 - 78

SHYL'MAN, G. E. & C. A. GOROMOSOVA

1970. A study of fat and glycogen in the flesh of cephalopod mollusks. *Nauk Dumka, Kiev*, 77 - 80

STADNICHENKO, A. P.

1970. Variations of the white spectrum of the blood of *Viviparus conlectus* (Millet, 1813) (Gastropoda, Prosobranchia). *Parazitologiya* 4 (5): 484 - 488 (ES)

TURPAEVA, E. P., I. N. SOLDATOVA & R. G. SIMKINA

1970. Intensity of metabolism of bivalve mollusks in the Black Sea. *ZZ* 49 (10): 1571 - 1572 (ES)

USOV, A. I., M. D. MARTYNOVA & N. K. KOCHETKOV

1970. Use of agar (discelectrophoresis) in the detection of species in mollusks of the genus *Littorina*. *Doklady Akad. Nauk SSSR*, 194 (2): 455 - 457

VERZHEBINSKAYA, N. A. & M. V. SAVINA

1971. Evolution of the glycolytic system in typical mollusks. *ZEBP* 7 (4): 337 - 345 (ES)

ZUEV, G. V.

1970. Reliability and the brain of cephalopod mollusks. *Ecol.-morph. invest. benthic organisms. Nauk Dumka, Kiev*, 121 - 135

Council of Systematic Malacologists

The following news release, of interest to many of our readers, was received too late for inclusion in our January issue.

Whereas the Phylum Mollusca is exceeded in living diversity only by the Phylum Arthropoda and flowering plants;

Whereas the existing collections of mollusks in North American museums number between 25,000,000 and 40,000,000 specimens;

Whereas the management of these collections presents problems that are not shared with collections of other phyla;

Whereas the services of malacology to society can be improved through definition of goals and priorities in malacological research and collection management;

The undersigned systematists, representing major malacological collections in North America, have organized a "Council of Systematic Malacologists."

The purposes of this organization shall be:

- 1) To prepare recommendations concerning standards and techniques of collection management for malacological resources;
- 2) To define the goals and priorities of malacology.

Membership shall be open to all professional persons in the Americas who use or manage systematic malacological resources. Membership shall be expanded through announcements in specialist journals and at relevant meetings.

Periodic meetings shall be held in adjunct with scheduled scientific meetings or as needed to confer on common problems.

A temporary steering committee has been formed to organize and promote an effective representative group for malacology in the Americas. This committee consists of:

Alan Solem, Chairman
George M. Davis
Arthur H. Clarke
James H. McLean

Working subgroups have been appointed to prepare recommendations concerning:

- 1) Compatible EDP and curatorial programs for use by malacologists in collection management and research;
- 2) Articulation of national goals for malacological research;
- 3) Coordination of specimen acquisition policies for malacological collections;
- 4) Preparation of position papers outlining priority programs for malacology.

